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| 53 | 8 | S1 or S2 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/07 09:55 |
| S4 | 2 | S3 and OFDM | US-PGPUB; USPAT; USOCR | OR . | ON | 2007/05/03 09:41 |
| S5 | 2 | S3 and (OFDM near10 carrier) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/03 09:41 |
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| S8 | 8 | S6 or S7 \ | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/03 13:35 |
| S12 | 3 | S8 and (audio or video) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/03 13:46 |
| S16 | 2 | S8 and (time near3 carrier) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/03 13:48 |

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| S20 | 2 | S8 and (slot same3 ((channel or tone) adj2 map)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/03 13:50 |
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| S34 | 1 | "Enhanced Channel Estimation".ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/08 15:49 |
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| 113 | S1 and S2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ĕ | FF0 | 2007/01/18 12:33 |
| 59 | S1 and S3 | US-PGPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ğ | # 0 | 2007/01/18 12:36 |

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| 242 | 189 | 375/310.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | g | #6 # | 2007/01/18 15:04 |
| 848 | 331 | 455/319.cck. | <i>ii</i> : | g | FF 0 | 2007/01/18 15:06 |
| 849 | 1050 | 370/337.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | g | # ₀ | 2007/01/18 15:06 |

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| | S52 and S53 | 370/3\$4.œts. | \$56 and \$53 | 557 and 544 | 455/33\$1.œв. |
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| US-PGPUB; OR OFF 2007/01/18 15:07 USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; OR OFF 2007/01/18 15:10 USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; OR OFF 2007/01/18 15:11 USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; OR 2007/01/18 15:11 USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; OR OFF 2007/01/18 15:11 USPAT; USOCR; FPRS; FPRS; |
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| 540 | * | 35 | ₹ | 55.3 |
| 10 S49 and S40 | 9 S49 and S44 | S49 and S46 | 0 370/321.cds. | 74 S49 and S53 |
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| 98 | . | SS3 and S59 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | S, | OFF | 2007/01/18 15:20 |
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| 8. | 1245 | 340/442.ccb. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ő | H ₀ | 2007/01/18 15:20 |
| 88 | 986 | 455/347.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | g S | OFF | 2007/01/18 15:21 |
| 8 | u | S62 and S43 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | క . | 9 7 | 2007/01/18 15:21 |
| * | - | S62 and S48 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; | S. | 9 | 2007/01/18 15:22 |

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| 1562 370/347.cds. US-PGPUB; OR OFF USAT; USOCR; PRS; PRS; PRS; PRS; PRS; PRS; PRS; PR | 2007/01/18 15:22 | 2007/01/18 15:23 | 2007/01/18 15:42 | 2007/01/18 15:43 |
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| 1562 370/347.cds. US-PGPUB; OR US-PGPUB; OR US-PGPUB; CREMENT; ENCY. 1900; CREMENT; ENCY. 190 | | | | 200 |
| 1562 370/347.cds. US-PGPUB; US-PGPUB | ₽ | P | #b | #9 #9 |
| 1562 370/347.cck. 12 S65 and S44 2 "20030039317").URPN. 2 ("20020024423" "2003009585" "20030006881" "20030039317" "20030137405" "20030156012" "2003005604" "2003013473" "20030137405" "20030156012" "20030156044" "4021797" "2003019080" "594108" "5818127" "5392494" "5370456" "548504" "5694108" "5818127" "5950138" "5374656" "649504" "6504402" "6513485" "6522656" "6549120" "6559757" | ೪ | æ | õ | 8 8 8 |
| 1562 370/347.ccls. 12 565 and 544 2 "20030039317". URPN. 2 ("2003/0039317").URPN. 42 ("2003007113" "20030156014" "200301330156014" "20030173016014" "40030173016014" "40030173016018" "50030156014" "40030175016" "50030156014" "4003017506" "50030156014" "4003017506" "50030156014" "500301560 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; | IBM_TDB US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DFRWFNT: | IBM_TDB US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; | IBM_TDB USPAT US-PGPUB; USPAT; USOCR |
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| 8 | 8 | N | No | No. |
| AND | AND | AND | AND | AND |
| US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB |
| (OFDM or COFDM or (discrete adj multitone adj modulat\$4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) and (PLC or PLT or PLN or (mains adj communicat\$4) or powerband) with system and (traffic or ((rout\$4 or multicast) adj protocol\$1) or (bandwidth adj allocat\$4)) | (OFDM or COFDM or (discrete adj multitione adj modulats4) or (television or radio) adj broadcasts4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplexs4)) and (PLC or PLT or PLN or (mains adj communicats4) or powerband) adj system and (traffic or ((routs4 or multicast) adj protocol\$1) or (bandwidth adj allocats4)) | (OFDM or COFDM or (discrete adj multitone adj modulats4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) and (PLC or PLT or PLN or (mains adj communicat\$4) or powerband) or system and (traffic or ((rout\$4 or multicast) adj protocol\$1) or (bandwidth adj allocat\$4)) | (OFDM or COFDM or (discrete adj multitone adj modulats4) or (television or radio) adj broadcasts4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplexs4)) and (PLC or PLT or PLN or (mains adj communicats4) or powerband) and system and (traffic or ((routs4 or multicast) adj protocols1) or (bandwidth adj allocats4)) | (traffic or ((routs4 or multicast) adj protocots1) or (bandwidth adj allocats4)) and (time adj slot) and (carriers4 or cxr or (carrier adj system)) with (OFDM or COFDM or (discrete adj multitone adj modulats4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) and (PLC or PLT or PLN or (mains adj communicat\$4) or powerband) and system |
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| US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; FPRS; EPO; JPO; DERWENT; IBM_TDB |
| (OFDM or COFDM or (discrete adj multitone adj modulat\$4) or (television or radio) near broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)). | (OFDM or COFDM or (discrete adj multitone adj modulat\$4) or (television or radio) near broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) and (PLC or PLT or PLN or (mains adj communicat\$4) or powerband) | (OFDM or COFDM or (discrete adj multitione adj modulats4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) and (PLC or PLT or PLN or (mains adj communicat\$4) or powerband) with (traffic or ((rout\$4 or multicast) adj protocol\$1) or (bandwidth adj allocat\$4)) | (OFDM or COFDM or (discrete adj multitione adj modulats4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) and (PLC or PLT or PLN or (mains adj communicat\$4) or powerband) same (traffic or ((rout\$4 or multicast) adj protocol\$1) or (bandwidth adj allocat\$4)) | (OFDM or COFDM or (discrete adj multitione adj modulat\$4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) and (PLC or PLT or PLN or (mains adj communicat\$4) or powerband) and (traffic or ((rout\$4 or multicast) adj protocol\$1) or (bandwidth adj allocat\$4)) |
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| 85 | 135 | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage)) with (time adj slot) and (carrier\$4 or cxr or (carrier adj system)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | Z O | 2007/01/22 11:23 |
|-----|----------|--|---|-----|---------|------------------|
| 88 | 133 | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage)) with (time adj skot) and (carrier\$4 or cxr or (carrier adj system)) and (@rlad<"20030709" or @ad<"20030709") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | 8 | 2007/01/22 13:43 |
| 883 | - | (OFDM or COFDM or (discrete adj multitione adj modulats4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) and (PLC or PLT or PLN or (mains adj communicat\$4) or powerband) adj system | US-PGPUB; USPAT; USOCR; FPRS; FPRS; GPO; JPO; DERWENT; IBM_TDB | AND | No. | 2007/01/22 12:28 |
| 8 | 350 | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage)) with (time adj slot) and (carrier\$4 or ox or (carrier adj system)) or (OFDM or COFDM or discrete adj multitone adj modulat\$4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | K | No. | 2007/01/22 12:50 |
| 88 | 301 | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage)) with (time adj stot) and (carrier\$4 or cur or (carrier adj system)) or (OFDM or COFDM or discrete adj multitone adj modulat\$4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocof) or (time adj division) with (MUX or multiplex\$4)) and (@riad<"20030709" or @ad<"20030709") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; | g | NO N | 2007/01/22 12:49 |

| 2007/01/22 12:50 | 2007/01/22 13:36 | 2007/01/22 13:43 | 2007/01/22 12:51 | 2007/01/22 13:39 |
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| ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage)) with (time adj slot) and (carrier\$4 or or or (carrier adj system)) or (OFDM or COFDM or (discrete adj multitone adj modulat\$4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) and (@rlad<"20030709" or @ad<"20030709") and "370"/\$.ccts. | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage)) with (time adj slot) and (carrier\$4 or cxr or (carrier adj system)) or (OFDM or COFDM or (discrete adj multitone adj modulat\$4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) and (@rlad<"20030709" or @ad<"20030709") and "709"/\$.ccls. | S81 and "370"/\$.ccfs. | \$8.1 and "709"/\$.ccfs. | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage or RAM or ROM or flash memory)) with (time adj stot) and (carrier\$4 or cxr or (carrier adj system)) or (OFDM or COFDM or (discrete adj multitione adj modulat\$4) or (television or radio) adj broadcast\$4) adj (TDMA or (access adj protocol) or (time adj division) with (MUX or multiplex\$4)) |
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| 296 | 23 | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage or RAM or ROM or flash memory)) with ((da | rocomputer\$ digital storag | 1 or transpure or RAM or | ter or DSP or ROM or flash | microcontrol memory)) v | er\$1 or transputer or DSP or microcontroller) and age or RAM or ROM or flash memory)) with ((data adj | US-PGPUB; USPAT; | WITH | Š | 2007/01/22 14:18 | |
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| | | stream) or (("a/v" ad) (carrier\$4 or ox or (ca | Ta/v ad dat | ta) and contrer adj system | ol adj data)) ((traff | tata) and control adj data)) and (time adj slot) and rier adj system)) and ((traffic adj communication\$) | Stream) or (("a/v" adj data) and control adj data)) and (time adj slot) and (carrier\$4 or ox or (carrier adj system)) and ((traffic adj communication\$1) or | USOCR; FPRS; | | | | |
| | | ((rout\$4 or multicast) a (@rład<"20030709" or | ((rout\$4 or multicast) adj protocol\$1) or (bandwidth adj allocat\$4)) and (@rład<"20030709" or @ad<"20030709") | dj protocol\$1) or ((@ad<"20030709") | or (bandwidt 09") | h adj allocat | \$4)) and | EPO; JPO; DERWENT; IBM_TDB | | | | |
| 297 | 29 | ("6356555").URPN. | URPN. | | | | | USPAT | æ | OFF | 2007/01/22 14:49 | |
| 865 | ᅙ | (*4218654" | ("4218654" "4460992" "4470138" "4475208" "4553161" "4554579" | 4470138 | 4475208 | 4553161 | 4554579" | US-PGPUB; | æ | OFF. | 2007/01/22 14:48 | |
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| | | _ | *4829569 | *4894789" "4912721" | *4912721* | * 4926130* | -4933930" I | USOCR | | | | |
| | | .5072445" | .2090024 | "5093718" | *5130983* | "5133079" | .2157686" | | | | • | |
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| | | "5231664" | "5233630" | "5235615" | "5235619" | *5239557* | *5247347* | | | | | |
| | | "5253268" | "5280472" | "5295152" | -5297162" | -5305308 | *5309474* | | | | | |
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| | | "5 414699" | " \$416797" | "5418813" | -5425027" | "5440585" | *5442625* | | | | | |
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| | | "5 467342" | "5481533" | "5488412" | " 5499236" | .5511067 | *5512935* | | | | | |
| | | "5533013" (| "SS34913" | *5539730° | . 8250578" | *5557316 | \$572517 | | | | | |
| | | " \$572528" | "5583853" | "SS86121" | " 5594872" | 5608446 | -5608728 | | | | | |
| | | " 5610911" | -5617410° | "5619531" | -5712982 | *5737329* | *5745484* | | | | | |
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| క | ర | WITH | WITH H | WITH H | OR |
| US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | USPAT |
| ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage or RAM or ROM or flash memory)) with (time adj slot) and (carrier\$4 or ox or (carrier adj system)) or (traffic adj communication\$1) or ((rout\$4 or multicast) adj protocol\$1) or (bandwidth adj allocat\$4) | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage or RAM or ROM or flash memory) with (time adj stot) and (carrier\$4 or or or (carrier adj system)) adj2 (traffic adj communication\$1) or ((rout\$4 or multicast) adj protocof\$1) or (bandwidth adj allocat\$4) and (@rlad<"20030709" or @ad<"20030709") and "370"/\$.ccls. | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage or RAM or ROM or flash memory)) with (time adj slot) and (carrier\$4 or or (carrier adj system)) with (traffic adj communication\$1) or ((rout\$4 or multicast) adj protocol\$1) or (bandwidth adj allocat\$4) and (@rlad<"20030709" or @ad<"20030709") and "370"/\$.ccts. | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage or RAM or ROM or flash memory)) with (time adj slot) and (carrier\$4 or cxr or (carrier adj system)) with (traffic adj communication\$1) or ((rout\$4 or multicast) adj protocol\$1) or (bandwidth adj allocat\$4) and (@rlad<"20030709" or @ad<"20030709") and "709"/\$.ccts. | ((CPU or microcomputer\$1 or transputer or DSP or microcontroller) and (memory or digital storage or RAM or ROM or flash memory)) with (time adj slot) and (carrier\$4 or car or (carrier adj system)) and ((traffic adj communication\$1) or ((rout\$4 or multicast) adj protocoi\$1) or (bandwidth adj allocat\$4)) and (@rlad<"20030709") | ("5719859"),URPN. |
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| | | *5347304* | "5353300" | 5359624 | "5363403" | *5363404 | 5373288 | | | | |
| | | *5373502* | -2390166 | 5394391 | "5398258" | -5404570" | "5408465" | | | | |
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| \$12 4 | ¥ | (time adj slot) with ((carrier or (carrier adj wave) or signal) allocat\$4) near ofdm | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | SO. | 8 | 2007/01/31 15:13 |
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క US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB **EAST Search History** 5/17/2007 10:10:50 AM C:\Documents and Settings\srlvas\My Documents\EAST\Workspaces\10_616344.wsp "6356555".pn. and memory S16 0